



PRESENTING

TWS/WebAdmin™

*The* Web Interface to TWS



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# What is TWS/WebAdmin?

**TWS/WebAdmin is an *easy-to-use* web-based interface to TWS for monitoring and maintaining Production in a distributed environment. Basic functions are:**

- Plan management
- Reports and graphs
- Job documentation
- Monitoring and alerting

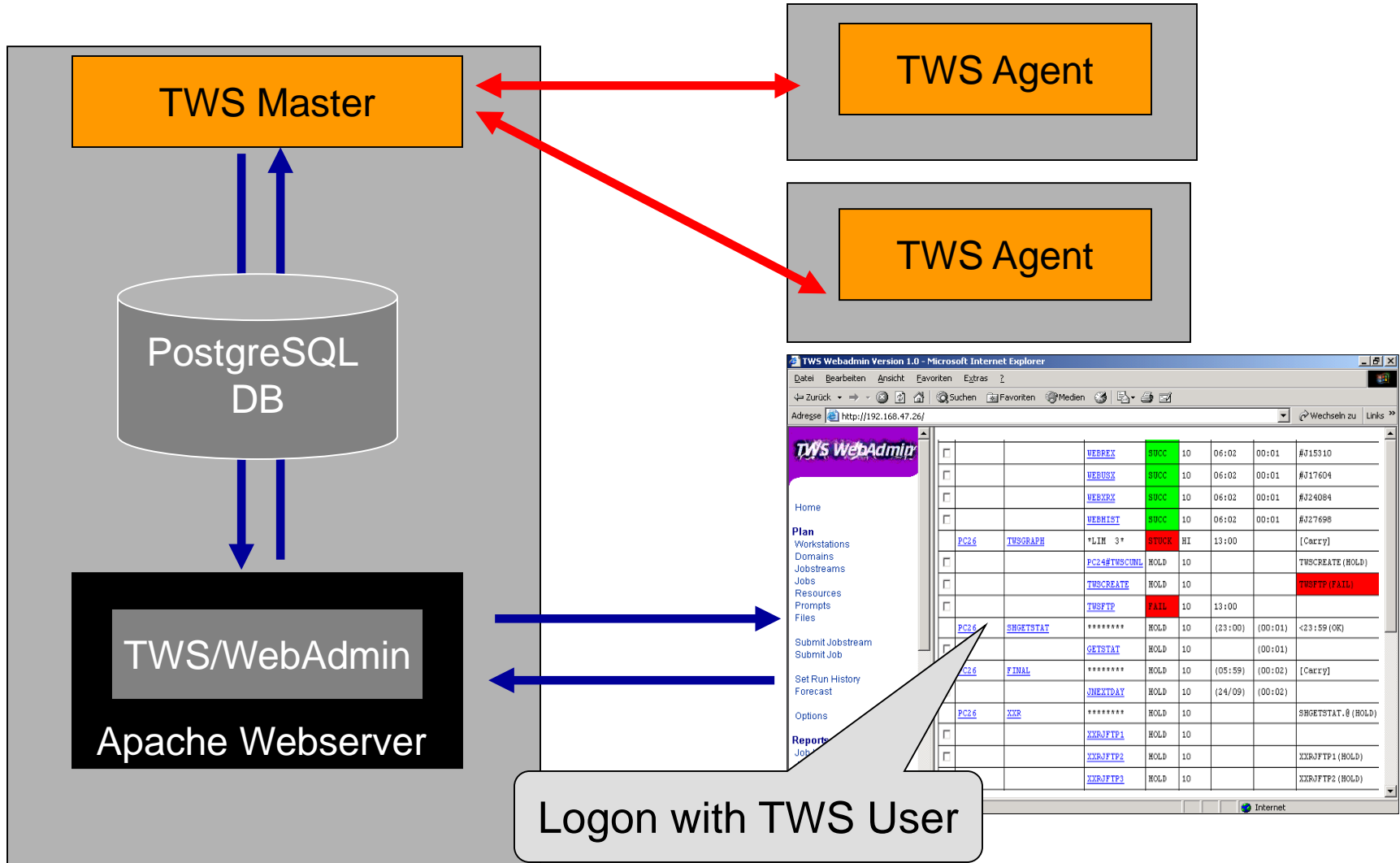


# Who uses TWS/WebAdmin?

**Anyone who works directly with TWS, or who wants more information about batch processing, For example:**

- Operations
- Production planning
- Application development
- Non-IT departments...

# Technical Overview





# Why a Web interface?

**Unlike JSC, TWS/WebAdmin was designed specifically as a web application. Benefits are:**

- Ease of use
- No local installation
- Access from anywhere
- No nested menus, but “information at a glance” design



# The Web Interface

TWS Webadmin Version 1.0 - Microsoft Internet Explorer

Adresse <http://192.168.47.26/>

## TWS WebAdmin

Home

**Plan**

- Workstations
- Domains
- Jobstreams
- Jobs
- Resources
- Prompts
- Files

Submit Jobstream

Submit Job

Set Run History

Forecast

Options

**Reports**

- Job History
- Job Details
- TWS Activity

<input type="checkbox"/>		<a href="#">WEBREX</a>	SUCC	10	06:02	00:01	#J15310
<input type="checkbox"/>		<a href="#">WEBUSX</a>	SUCC	10	06:02	00:01	#J17604
<input type="checkbox"/>		<a href="#">WEBXRX</a>	SUCC	10	06:02	00:01	#J24084
<input type="checkbox"/>		<a href="#">WEBHIST</a>	SUCC	10	06:02	00:01	#J27698
<input type="checkbox"/>	<a href="#">PC26</a>	<a href="#">TUSGRAPH</a>	*LIM 3*	STUCK	HI	13:00	[Carry]
<input type="checkbox"/>		<a href="#">PC24#TWSUNL</a>	HOLD	10			TWSCREATE (HOLD)
<input type="checkbox"/>		<a href="#">TWSCREATE</a>	HOLD	10			TWSFTP (FAIL)
<input type="checkbox"/>		<a href="#">TWSFTP</a>	FAIL	10	13:00		
<input type="checkbox"/>	<a href="#">PC26</a>	<a href="#">SHGETSTAT</a>	*****	HOLD	10	(23:00)	(00:01) <23:59 (OK)
<input type="checkbox"/>		<a href="#">GETSTAT</a>	HOLD	10		(00:01)	
<input type="checkbox"/>	<a href="#">PC26</a>	<a href="#">FINAL</a>	*****	HOLD	10	(05:59)	(00:02) [Carry]
<input type="checkbox"/>		<a href="#">JNEXTDAY</a>	HOLD	10	(24/09)	(00:02)	
<input type="checkbox"/>	<a href="#">PC26</a>	<a href="#">XXR</a>	*****	HOLD	10		SHGETSTAT.@ (HOLD)
<input type="checkbox"/>		<a href="#">XXRJFTP1</a>	HOLD	10			
<input type="checkbox"/>		<a href="#">XXRJFTP2</a>	HOLD	10			XXRJFTP1 (HOLD)
<input type="checkbox"/>		<a href="#">XXRJFTP3</a>	HOLD	10			XXRJFTP2 (HOLD)

Menu

Dialog

Internet



# Plan Management

**Plan Management with TWS/WebAdmin has the following advantages:**

- Similar look and feel to gconman
- View TWS objects in the current plan in real time: workstations, jobstreams, jobs, ...
- Take actions: cancel, release, rerun, submit, ...
- View previous and future production days
- ...and much more..





# Job Details

TWS Webadmin Version 1.0 - Microsoft Internet Explorer

Adresse <http://192.168.47.26/>

<input type="checkbox"/>			<a href="#">WEBREX</a>	SUCC	10	06:02	00:01	#J15310
<input type="checkbox"/>			<a href="#">WEBUSX</a>	SUCC	10	06:02	00:01	#J17604
<input type="checkbox"/>			<a href="#">WEBXRX</a>	SUCC	10	06:02	00:01	#J24084
<input type="checkbox"/>			<a href="#">WEBHIST</a>	SUCC	10	06:02	00:01	#J27698
	<a href="#">PC26</a>	<a href="#">TWSGRAPH</a>	*LIM 3*	STUCK	HI	13:00		[Carry]
<input type="checkbox"/>			<a href="#">PC24#TWSCUNL</a>	HOLD	10			TWSCREATE (HOLD)
<input type="checkbox"/>			<a href="#">TWSCREATE</a>	HOLD	10			TWSFTP (FAIL)
<input type="checkbox"/>			<a href="#">TWSFTP</a>	FAIL	10	13:00		
	<a href="#">PC26</a>	<a href="#">SHGETSTAT</a>	*****	HOLD	10	(23:00)	(00:01)	<23:59 (OK)
<input type="checkbox"/>			<a href="#">GETSTAT</a>	HOLD	10		(00:01)	
	<a href="#">PC26</a>	<a href="#">FINAL</a>	*****	HOLD	10	(05:59)	(00:02)	[Carry]
				HOLD	10	(24/09)	(00:02)	
				HOLD	10			SHGETSTAT.@ (HOLD)
				HOLD	10			XXRJFTP1 (HOLD)
<input type="checkbox"/>			<a href="#">XXRJFTP3</a>	HOLD	10			XXRJFTP2 (HOLD)

Complete information on one single screen

# Job Details

**Easy to use.  
E.g. Which successors  
does a job have?**

TWS Webadmin Version 1.0 - Microsoft Internet Explorer

Adresse <http://192.168.47.26/>

<input type="checkbox"/>			<a href="#">XXRJFTP3</a>	HOLD				
<input type="checkbox"/>			<a href="#">XXRJFTP4</a>	HOLD	10			XXRJFTP1 (HOLD)
<input type="checkbox"/>			<a href="#">XXRJFTP5</a>	HOLD	10			XXRJFTP4 (HOLD)
<input type="checkbox"/>			<a href="#">XXRJFTP6</a>	HOLD	10			XXRJFTP5 (HOLD)
<input type="checkbox"/>			<a href="#">XXRJFTP7</a>	HOLD	10			
	<a href="#">PC26</a>	<a href="#">XXRSLOD</a>	*****	HOLD	10			XXR.0 (HOLD)
<input type="checkbox"/>			<a href="#">XXRJLOD1</a>	HOLD	10			
<input type="checkbox"/>			<a href="#">XXRJLOD2</a>	HOLD	10			
<input checked="" type="checkbox"/>			<a href="#">XXRJLOD3</a>	HOLD	10			XXRJLOD1 (HOLD)
<input type="checkbox"/>			<a href="#">XXRJLOD4</a>	HOLD	10			
			<a href="#">XXRJLOD5</a>	HOLD	10			XXRJLOD2 (HOLD)
			<a href="#">XXRJLOD6</a>	HOLD	10			XXRJLOD5 (HOLD)
<input type="checkbox"/>			<a href="#">XXRJLOD7</a>	HOLD	10			XXRJLOD5 (HOLD)

1) Select job

2) Select successors

[Check All](#) - [Clear All](#)

Priority Release Cancel Rerun Kill Confirm Successors Info Detail Report Notes Filter

Internet

# Job Details

TWS Webadmin Version 1.0 - Microsoft Internet Explorer

Adresse <http://192.168.47.26/>

## Plan Job List

[Help](#)

Symphony: Current  
Filter: None

	Workstation	Schedule	Job	State	Priority	Start	Elapse	Dependencies	Dependencies
	<a href="#">PC2.6</a>	<a href="#">XXRSLOD</a>	*****	HOLD	10			XXR.0 (HOLD)	<20:00 (OK)
<input type="checkbox"/>			<a href="#">XXRJLOD5</a>	HOLD	10			XXRJLOD2 (HOLD)	XXRJLOD3 (HOLD)

[Check All](#) - [Clear All](#)

The successors of the selected job

Internet



# Job Output

TWS Webadmin Version 1.0 - Microsoft Internet Explorer

Adresse <http://webadmin.dyndns.ws/>

## Plan Job List

[Help](#)

```
=====
= JOB      : GRENDL#TEST.TEST1
= USER    : maestro          TWS Administrative User
= JCLFILE  : /opt/maestro/scripts/test1.sh
= Job Number: 10113
= Wed Oct  2 05:59:49 2002
=====

TWS for UNIX/JOBMANRC 8.1
AWS22340001 Licensed Materials Property of IBM
5698-WKB
(C) Copyright IBM Corp 1998,2001
US Government User Restricted Rights
Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.
AWS22265501 Starting /opt/maestro/jobmanrc /opt/maestro/scripts/test1.sh

TWS for UNIX (HPUX)/JOBINFO 8.1 (9.4)
Licensed Materials Property of IBM
5698-WKB
(C) Copyright IBM Corp 1998,2001
US Government User Restricted Rights
Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.
Installed for group 'DEFAULT'.
Locale LANG set to "C"
=====
= Exit Status      : 0
= System Time (Seconds) : 0      Elapsed Time (Minutes) : 0
= User Time (Seconds) : 0
= Wed Oct  2 06:00:21 2002
=====
```

State	Priority	Elapse	Dependencies
SUCC	10	00:01	[FINAL, 10/0
SUCC	10	05:59	00:01 #J10000
SUCC	10	05:59	00:05 #J10113
SUCC	10	06:00	00:02 #J10172
SUCC	10	06:01	00:01 #J10230
SUCC	10	06:01	00:01 #J10232
Abend	10	06:01	00:02 #J10296
SUCC	10	06:02	00:02 #J10330
READY	10	05:59	(00:02)
SUCC	10	05:59	00:02 #J10115
SUCC	10	06:59	00:02 #J12978

One mouse click...

...to get the job output

- User Defined Reports
- Log / Alert
  - Event Monitor
  - Alert Configuration
  - Database Audit Log
  - Plan Audit Log
  - Job Notes

<input type="checkbox"/>	>> every run	TEST1
<input type="checkbox"/>	>> every run	TEST1
<input type="checkbox"/>	>> every run	TEST1
<input type="checkbox"/>	>> every run	TEST1



# Available Plan Lists

**TWS/WebAdmin offers a variety of entry points to manage the current plan:**

- Domain list
- Workstation list
- Jobstream list
- Job list
- Resource list
- Prompt list
- File list

# Plan Domain List

TWS/WebAdmin Version 1.1 - Microsoft Internet Explorer

Adresse <http://webadmin.dyndns.ws/> Wechseln zu

## Plan Domain List

[Help](#)

Symphony: Current  
Filter: None

	Domain	Manager	Parent
<input type="checkbox"/>	<a href="#">MASTERDM</a>	<a href="#">DEMO</a>	
<input type="checkbox"/>	<a href="#">DOMAIN1</a>	<a href="#">DOMMGR1</a>	MASTERDM

[Check All](#) - [Clear All](#)

Click here...

Action Buttons

Internet



# Plan Workstation List

Microsoft Internet Explorer window titled "Show Workstations - Microsoft Internet Explorer". The address bar shows "http://grendel/tws\_sc.php".

## Plan Workstation List

[Help](#)

Symphony: Current  
Filter: None

	Workstation	Run	Node	Limit	Fence	Date	Time	State	Method	Domain
<input type="checkbox"/>	<a href="#">GRENDEL</a>	533	*UNIX MASTER	20	0	10/26/03	14:04	I J		MASTERDM
<input type="checkbox"/>	<a href="#">DWEEZIL</a>	0	UNIX S-AGENT	0	0					MASTERDM
<input type="checkbox"/>	<a href="#">GRENDEL_LOCAL</a>	533	UNIX X-AGENT	0	20	10/26/03	14:04	LXI JX	unixloc1	MASTERDM
<input type="checkbox"/>	<a href="#">LONGCPUNAMETUVWX</a>	0	UNIX FTA	0	0					MASTERDM
<input type="checkbox"/>	<a href="#">MAESTRO6</a>	427	UNIX FTA	0	0					MASTERDM
<input type="checkbox"/>	<a href="#">ZAPHOD</a>	533	WNT FTA	10	2	10/26/03	14:05	LTI JW		MASTERDM

[Check All](#) - [Clear All](#)

Limit Fence Start Stop Link Unlink Info Notes Filter Print

Done Local intranet



# Plan Jobstream List

Microsoft Internet Explorer window showing the Plan Jobstream List page.

Address: [http://grendel/tws\\_ss.php](http://grendel/tws_ss.php)

## Plan Jobstream List

[Help](#)

Symphony:   
Filter:

	Workstation	Jobstream	State	Priority	Start	Elapse	Num Jobs	OK Jobs	Limit	Dependencies
<input type="checkbox"/>	<a href="#">GRENDL</a>	<a href="#">CFO3298AAAAAAAAA</a>	SUCC	10	14:04	0:01	1	1		[FINAL, 10/25/03]
<input type="checkbox"/>	<a href="#">GRENDL</a>	<a href="#">TEST</a>	SUCC	10	14:05	0:04	6	6		
<input type="checkbox"/>	<a href="#">GRENDL</a>	<a href="#">TEST3</a>	READY	10	14:05	( 0:02)	10	10		
<input type="checkbox"/>	<a href="#">GRENDL</a>	<a href="#">WEBADMIN</a>	SUCC	10	14:05	0:04	9	9	1	[Carry]
<input type="checkbox"/>	<a href="#">GRENDL</a>	<a href="#">TEST2</a>	READY	5		( 0:01)	2	0		
<input type="checkbox"/>	<a href="#">GRENDL</a>	<a href="#">FINAL</a>	HOLD	10	(05:59)	( 0:01)	1	0		[Carry]
<input type="checkbox"/>	<a href="#">GRENDL</a>	<a href="#">TEST4</a>	HOLD	10		( 0:02)	2	0		TEST2.@ (READY)
<input type="checkbox"/>	<a href="#">GRENDL</a>	<a href="#">USERJOBS</a>	SUCC	10	14:04	0:02	1	1		

[Check All](#) - [Clear All](#)

Done Local intranet





# Plan Job List

Microsoft Internet Explorer window titled "Show Jobs - Microsoft Internet Explorer". The address bar shows "http://grendel/tws\_sj.php".

## Plan Job List

[Help](#)

Symphony: Current  
Filter: None

	Workstation	Schedule	Job	State	Priority	Start	Elapse	Dependencies
<input type="checkbox"/>	<a href="#">GRENDEL</a>	<a href="#">CF03298AAAAAAAAA</a>	*****	SUCC	10	14:04	00:01	[ FINAL, 10/25/03 ]
<input type="checkbox"/>			<a href="#">JNEXTDAY</a>	SUCC	10	14:04	00:01	#J949
<input type="checkbox"/>	<a href="#">GRENDEL</a>	<a href="#">TEST</a>	*****	SUCC	10	14:05	00:04	
<input type="checkbox"/>			<a href="#">TEST1</a>	SUCC	HI	14:05	00:01	#J1110
<input type="checkbox"/>			<a href="#">TEST2</a>	SUCC	GO	14:05	00:02	#J1245
<input type="checkbox"/>			<a href="#">TEST3</a>	SUCC	10	14:06	00:01	#J1412
<input type="checkbox"/>			<a href="#">TEST4</a>	SUCC	10	14:06	00:01	#J1415
<input type="checkbox"/>			<a href="#">TEST5</a>	SUCC	10	14:07	00:01	#J1507
<input type="checkbox"/>			<a href="#">TEST6</a>	SUCC	10	14:07	00:02	#J1714
<input type="checkbox"/>	<a href="#">GRENDEL</a>	<a href="#">TEST3</a>	*****	READY	10	14:05	(00:02)	
<input type="checkbox"/>			<a href="#">TEST1</a>	SUCC	10	14:05	00:01	#J1110

Done Local intranet



# Plan Resource List

Microsoft Internet Explorer window titled "Show Resources - Microsoft Internet Explorer". The address bar shows "http://grendel/tws\_sr.php".

## Plan Resource List

[Help](#)

Symphony: Current  
Filter: None

	Workstation	Resource	Total	Available	In Use	Used By
<input type="checkbox"/>	GRENDEL	BANDWIDTH	100	80	20	GRENDEL#FTPXFER.FTPJOB

[Check All](#) - [Clear All](#)

Change Units    Dependent Objects    Filter    Print

Done    Local intranet



# Plan Prompt List

Microsoft Internet Explorer window titled "Show Prompts - Microsoft Internet Explorer". The address bar shows "http://grendel/tws\_sp.php".

## Plan Prompt List

[Help](#)

Symphony: Current  
Filter: None

	State	Number	Prompt Name	Prompt Text
<input type="checkbox"/>	ASKED	1	TESTPRMT	Ready to launch JOBXYZ?

[Check All](#) - [Clear All](#)

Reply   Dependent Objects   Filter   Print

Done   Local intranet



# Plan File List

Microsoft Internet Explorer window titled "Show Files - Microsoft Internet Explorer". The address bar shows "http://grendel/tws\_sf.php".

## Plan File List

[Help](#)

Symphony: Current  
Filter: None

	Exists	File Name
<input type="checkbox"/>	NO	GRENDL#/tmp/test.file

[Check All](#) - [Clear All](#)

Done Local intranet

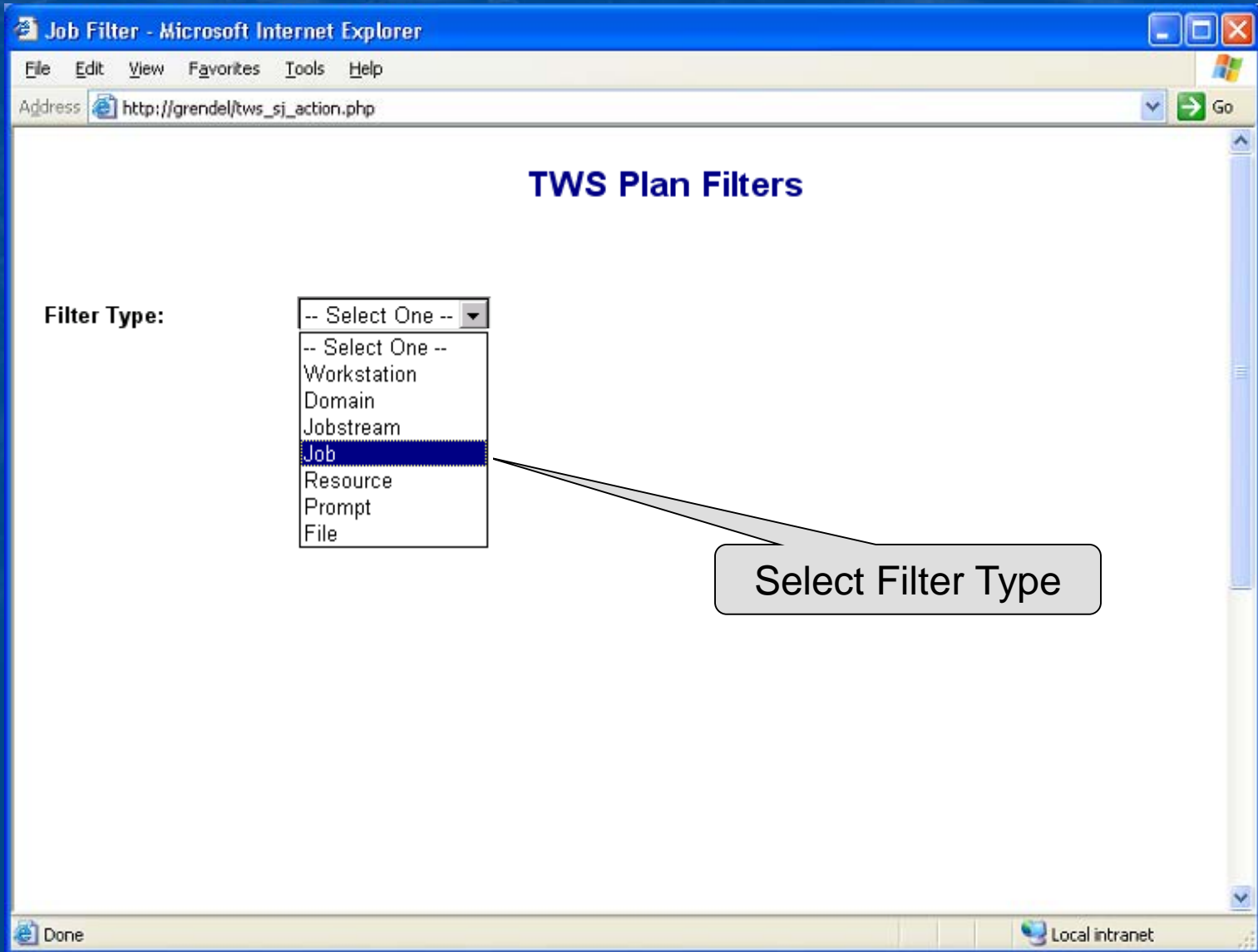


# Plan Filters

**Filters can be used to select data from the plan:**

- Various filter criteria are available: Workstation, Jobstream, Jobname, Status etc.
- “Personal” filters can be created and saved by any user
- “Global” pre-defined filters can added to the TWS/WebAdmin menu by the Administrator

# Filter Example



Job Filter - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address [http://grendel/tws\\_sj\\_action.php](http://grendel/tws_sj_action.php) Go

## TWS Plan Filters

Filter Type: -- Select One --

- Select One --
- Workstation
- Domain
- Jobstream
- Job**
- Resource
- Prompt
- File

Select Filter Type

Done Local intranet



# Filter Example

Specify filter criteria

**Job Filter - Microsoft Internet Explorer**

File Edit View Favorites Tools Help

Address [http://grendel/tws\\_sj\\_action.php](http://grendel/tws_sj_action.php) Go

### Set Job Filter

Workstation:

Jobstream:

Job:

Login:

Script Name:

Job Status:

<input type="checkbox"/> ABEND	<input type="checkbox"/> ABENDP	<input type="checkbox"/> ADD	<input type="checkbox"/> CANCEL	<input type="checkbox"/> DONE
<input type="checkbox"/> ERROR	<input type="checkbox"/> EXEC	<input type="checkbox"/> EXTRN	<input type="checkbox"/> FAIL	<input type="checkbox"/> FENCE
<input type="checkbox"/> HOLD	<input type="checkbox"/> INTRO	<input type="checkbox"/> PEND	<input type="checkbox"/> READY	<input type="checkbox"/> SCHED
<input type="checkbox"/> SUCC	<input type="checkbox"/> SUCCP	<input type="checkbox"/> SUSP	<input type="checkbox"/> WAIT	<input type="checkbox"/> WAITD

Started: Low Time:  Date:  (MM/DD/YYYY)  
High Time:  Date:  (MM/DD/YYYY)

Finished: Low Time:  Date:  (MM/DD/YYYY)  
High Time:  Date:  (MM/DD/YYYY)

#### Select Workstation

- DEMO
- DOMMGR1
- FTA1
- FTA2

Done Local intranet

# List with Filter

Job Filter - Microsoft Internet Explorer

Address: [http://grendel/tws\\_sj\\_action.php](http://grendel/tws_sj_action.php)

## Plan Job List

[Help](#)

Filtered job list

Symphony:	Current
Filter:	DEMO#@.@

	Workstation	Jobstream	Job	State	Priority	Start	Elapse	Dependencies
	<a href="#">DEMO</a>	<a href="#">CF04297AAAAAAAAA</a>	*LIM 1*	ABEND	10	10/20	00:04	[WEBADMIN, 10/20/04]
<input type="checkbox"/>			<a href="#">CAXTRACT</a>	SUCC	10	10/20	00:01	#J5040
<input type="checkbox"/>			<a href="#">CPUXTRCT</a>	ABEND	10	10/20	00:01	#J5089
<input type="checkbox"/>			<a href="#">JBXTRACT</a>	SUCC	10	10/20	00:01	#J5154
<input type="checkbox"/>			<a href="#">PAXTRACT</a>	SUCC	10	10/20	00:01	#J5187
<input type="checkbox"/>			<a href="#">PRXTRACT</a>	SUCC	10	10/20	00:01	#J5207
<input type="checkbox"/>			<a href="#">REXTRACT</a>	SUCC	10	10/20	00:01	#J5224
<input type="checkbox"/>			<a href="#">USXTRACT</a>	SUCC	10	10/20	00:01	#J5241
<input type="checkbox"/>			<a href="#">XRXTRCT</a>	SUCC	10	10/20	00:01	#J5259
<input type="checkbox"/>			<a href="#">JOBHIST</a>	SUCC	10	10/20	00:01	#J5285
<input type="checkbox"/>			<a href="#">PGSQLBKUP</a>	SUCC	10	10/20	00:01	#J5327
	<a href="#">DEMO</a>	<a href="#">CF04297AAAAAAAAAB</a>	*LIM 1*	ABEND	10	10/21	00:04	[WEBADMIN, 10/21/04]

Done Local intranet





# Submitting Ad-hoc Work

**TWS/WebAdmin provides for the submission of work on demand:**

- Submit Jobstream
- Submit Job
- Submit Task
- Dependencies and Alias can be specified



# Submit Jobstream

Submit Jobstream - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address [http://grendel/tws\\_submit\\_jobstream.php](http://grendel/tws_submit_jobstream.php) Go

## Submit Jobstream

Workstation:

Jobstream:

---

### General

Alias:

### Options

At:  :  plus  days

Until:  :  plus  days

Priority:

Limit:

Done Local intranet



# Submit Job

Submit Job - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://grendel/tws\_submit\_job.php Go

## Submit job

Workstation:

Job:

---

### General

Into Jobstream: Workstation:   Jobstream:

Alias:

### Options

At:  :  plus  days

Until:  :  plus  days

Every:  :

Priority:

Done Local intranet



# Submit Task

Submit Task - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://grendel/tws\_submit\_task.php Go

## Submit Task

**Workstation:**

**Command:**

**Logon:**

---

### General

**Into Jobstream:** Workstation:   Jobstream:

**Alias:**

### Options

**At:**  :  plus  days

**Until:**  :  plus  days

**Every:**  :

Done Local intranet



# Reports

**TWS/WebAdmin offers access to a variety of details which are not readily available in TWS**

- Job History Report
- Job Details Report
- TWS Activity Report
- Production Planning Report
- TWS Database Report
- Cross Reference Report



# Job History Report - Example

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

## TWS WebAdmin

Home

**Plan**

- Workstations
- Domains
- Jobstreams
- Jobs
- Resources
- Prompts
- Files

Submit Jobstream  
Submit Job  
Submit Task

Set Run History  
Forecast

Options

**Reports**

- Job History
- Job Detail
- TWS Activity

### Job History Report

**Contents**

**Select Columns:**

<input checked="" type="checkbox"/> Schedule Date	<input checked="" type="checkbox"/> Workstation	<input checked="" type="checkbox"/> Jobstream	<input checked="" type="checkbox"/> Job Workstation
<input checked="" type="checkbox"/> Job	<input checked="" type="checkbox"/> Status	<input type="checkbox"/> Priority	<input checked="" type="checkbox"/> Job Number
<input checked="" type="checkbox"/> Start Time	<input checked="" type="checkbox"/> Run Time	<input checked="" type="checkbox"/> CPU Time	<input type="checkbox"/> Logon
<input type="checkbox"/> Script	<input type="checkbox"/> Rerun	<input type="checkbox"/> Every	<input type="checkbox"/> Iteration

[Check All](#)  
[Clear All](#)

**Criteria**

**Schedule Date:**

Specific Date:  /  /  (MM/DD/YYYY)

Range:  /  /  To  /  /  (MM/DD/YYYY)

Day of Week:  Sun  Mon  Tue  Wed  Thu  Fri  Sat

Day of Month:  OR  End of Month

**Workstation:**

**Jobstream:**

**Job Workstation:**

Select Columns

Specify Selection Criteria



# Job History Report - Output

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

## Job History Report

Schedule Date	Workstation	Jobstream	Job	Status	Job Number	Start Time	Elap Tim
2003-03-02	GRENDL	CF03060AAAAAAAAA	JNEXTDAY	SUCC	29271	2003-03-02 05:59:00	2
2003-03-02	GRENDL	TEST	TEST1	SUCC	29444	2003-03-02 06:01:00	1
2003-03-02	GRENDL	TEST	TEST2	SUCC	29581	2003-03-02 06:01:00	2
2003-03-02	GRENDL	TEST	TEST3	SUCC	29723	2003-03-02 06:02:00	1
2003-03-02	GRENDL	TEST	TEST4	SUCC	29725	2003-03-02 06:02:00	1
2003-03-02	GRENDL	TEST	TEST5	SUCC	29825	2003-03-02 06:03:00	1
2003-03-02	GRENDL	TEST	TEST6	SUCC	145	2003-03-02 06:03:00	2
2003-03-02	GRENDL	TEST3	TEST1	SUCC	29446	2003-03-02 06:01:00	1
2003-03-02	GRENDL	TEST3	TEST1	SUCC	3173	2003-03-02 07:01:00	2
2003-03-02	GRENDL	TEST3	TEST1	SUCC	5943	2003-03-02 08:01:00	2
2003-03-02	GRENDL	TEST3	TEST1	SUCC	8662	2003-03-02 09:01:00	2
2003-03-02	GRENDL	TEST3	TEST1	SUCC	11453	2003-03-02 10:01:00	2
2003-03-02	GRENDL	TEST3	TEST1	SUCC	14249	2003-03-02 11:01:00	2
2003-03-02	GRENDL	TEST3	TEST1	SUCC	17038	2003-03-02 12:01:00	2
2003-03-02	GRENDL	TEST3	TEST1	SUCC	19681	2003-03-02 13:01:00	2

Home

**Plan**

- Workstations
- Domains
- Jobstreams
- Jobs
- Resources
- Prompts
- Files

Submit Jobstream

Submit Job

Submit Task

Set Run History

Forecast

Options

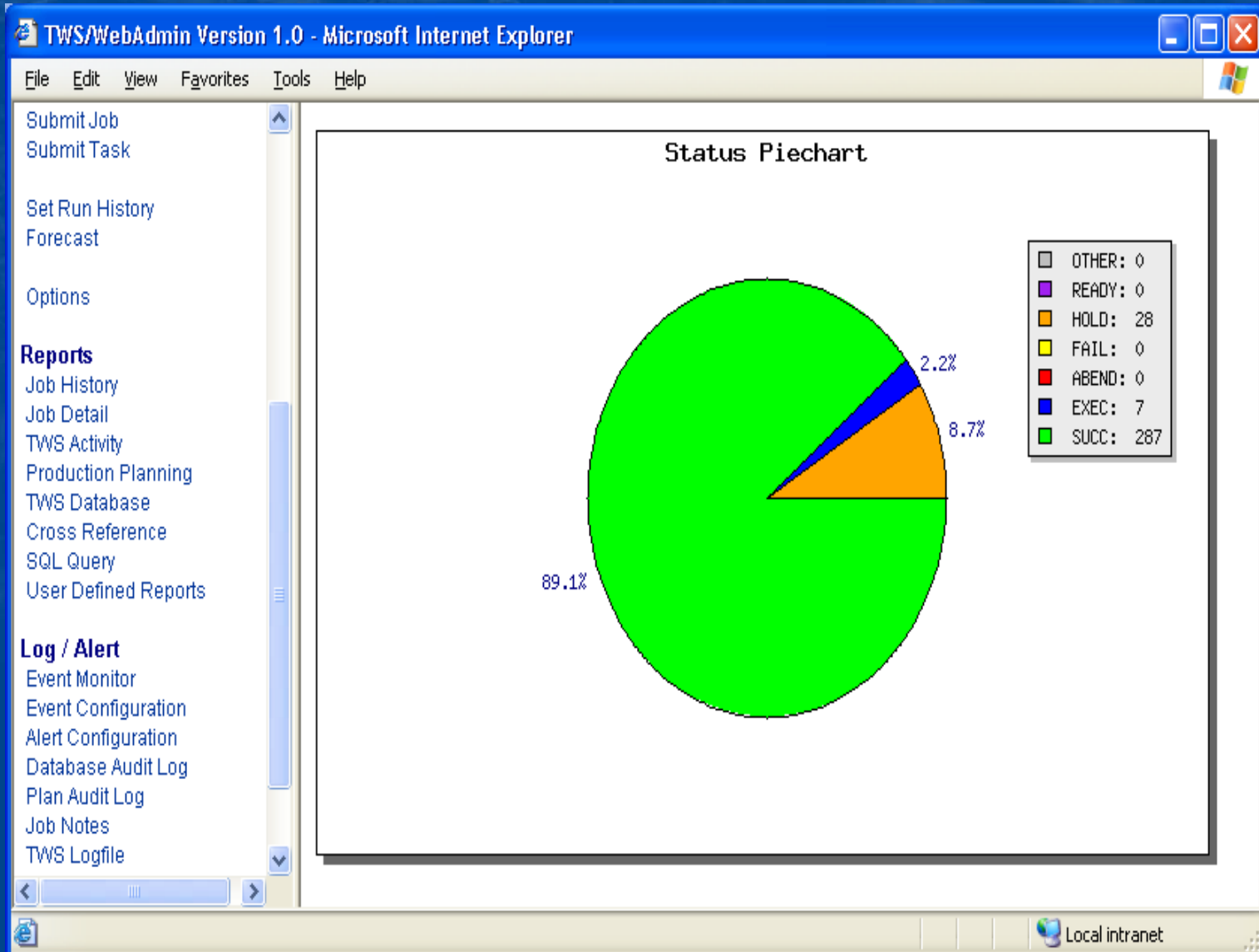
**Reports**

- Job History
- Job Detail
- TWS Activity

Done Local intranet



# Job History - Status Piechart







# Job Details Report - Example

The screenshot shows a web browser window titled "TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer". The page content is titled "Job Details Report".

**Job Selection**

Workstation: GRENDEL  
Job: FTPJOB

**Options**

- Include Runtime History Graph
- Scale: Month (dropdown menu)
- Style: Bar Graph (dropdown menu)  Use Plot Marks (for Line Graph)
- Color: Blue (dropdown menu)

Generate Report

Callout boxes provide additional information:

- A callout box pointing to the "Scale" dropdown menu contains the text: "Select Scale - Day, Week, Month, Year".
- A callout box pointing to the "Style" dropdown menu contains the text: "Select Style - Bar, Line, etc.".

The browser's status bar at the bottom shows "Done" and "Local intranet".



# Job Details Report - Output

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

## Job Details Report

**Job Information:**

<b>Workstation:</b>	GRENDL	<b>Job:</b>	FTPJOB		
<b>Description:</b>	Test FTP Transfer				
<b>Job Type:</b>	script	<b>Interactive:</b>	NO	<b>Creator:</b>	maestro
<b>Logon:</b>	maestro	<b>Script:</b>	/opt/maestro/scripts/ftpxfer.sh		
<b>Recovery Option:</b>	STOP	<b>Recovery Job:</b>	not defined	<b>Recovery Prompt:</b>	not defined

**Job Statistics:**

<b>Number Successful:</b>	165	<b>Number Abend:</b>	1	<b>Last Run:</b>	2003-03-27 20:00:00
---------------------------	-----	----------------------	---	------------------	---------------------

	Last	Min	Max	Average
<b>Elapse Time</b>	18	1	872	18
<b>CPU Time</b>	1	1	1316	

Home

**Plan**

- Workstations
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Submit Jobstream  
Submit Job  
Submit Task

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Forecast

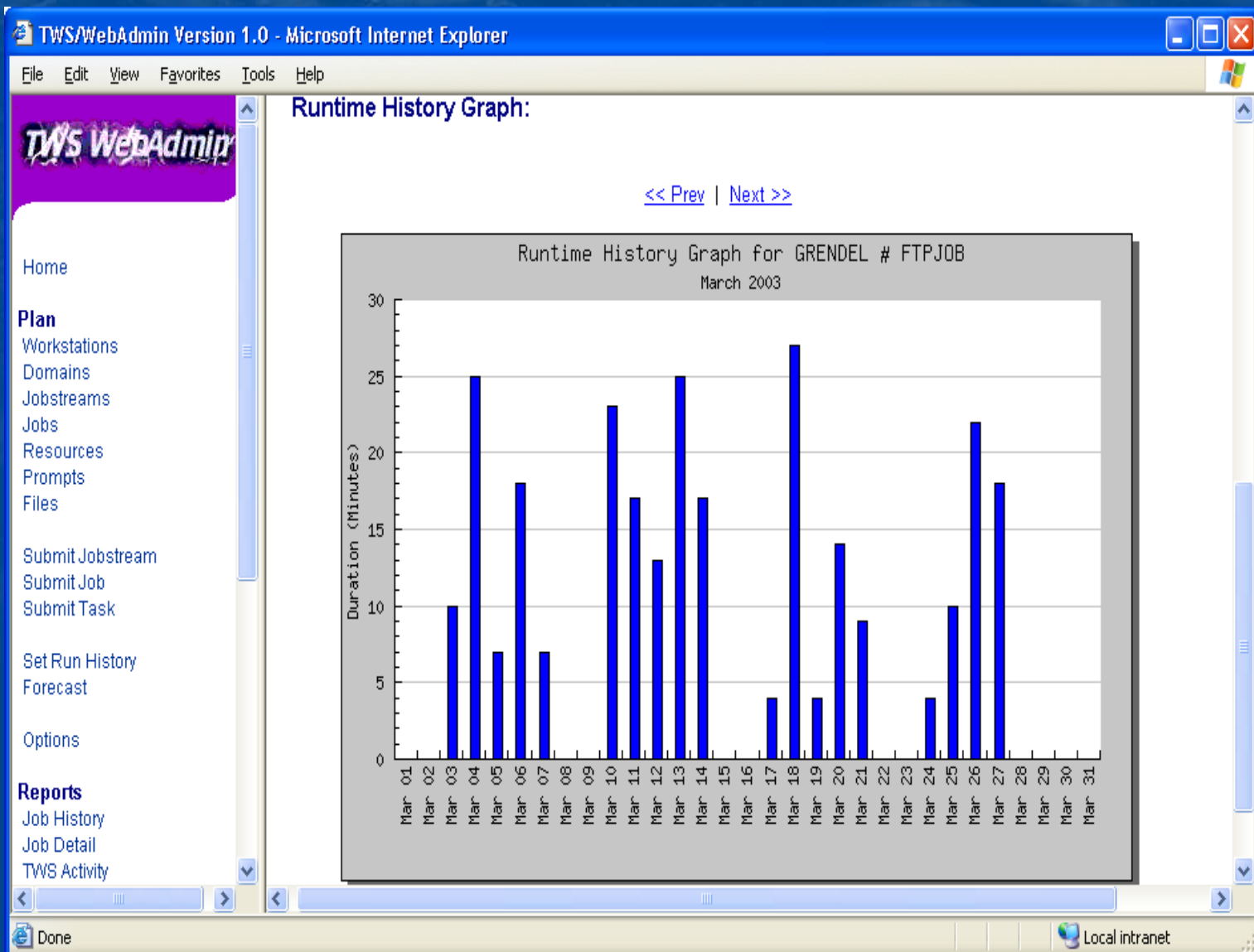
Options

**Reports**

- Job History
- Job Detail
- TWS Activity

Done Local intranet

# Runtime History Graph





# Activity Report - Examples

TWS WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

## TWS Activity Report

[Help](#)

### Appearance

Scale:

Style:

Color:

Bar Graph Shadows  
 Show Job Count Labels  
 Include Status Piechart

### Contents

Completed Jobs  
 Active and Completed Jobs  
 All Jobs

### Criteria

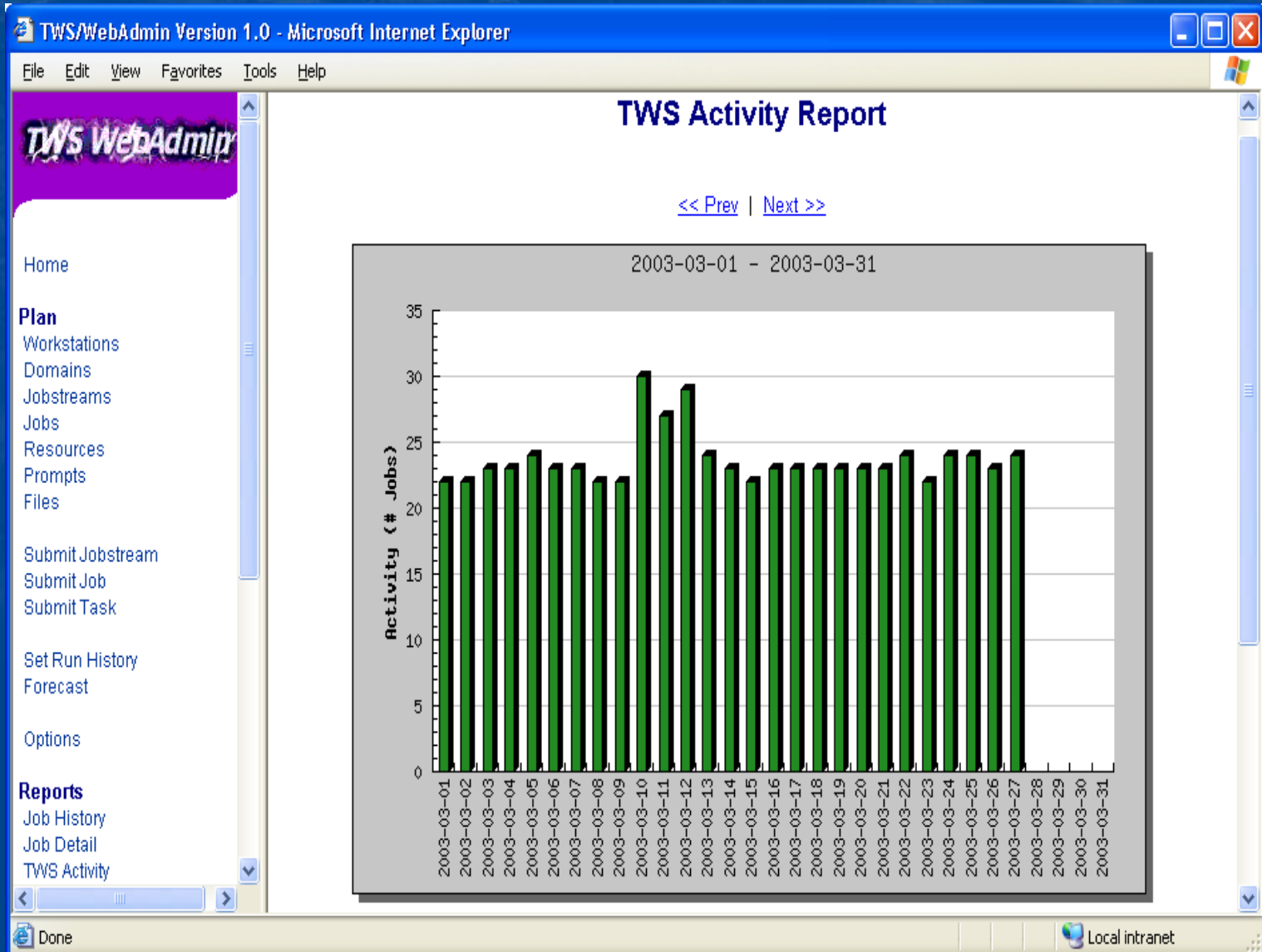
Done Local intranet

**Select Scale - Day, Week, Month, Year**

**Select Style - Bar, Line, etc.**

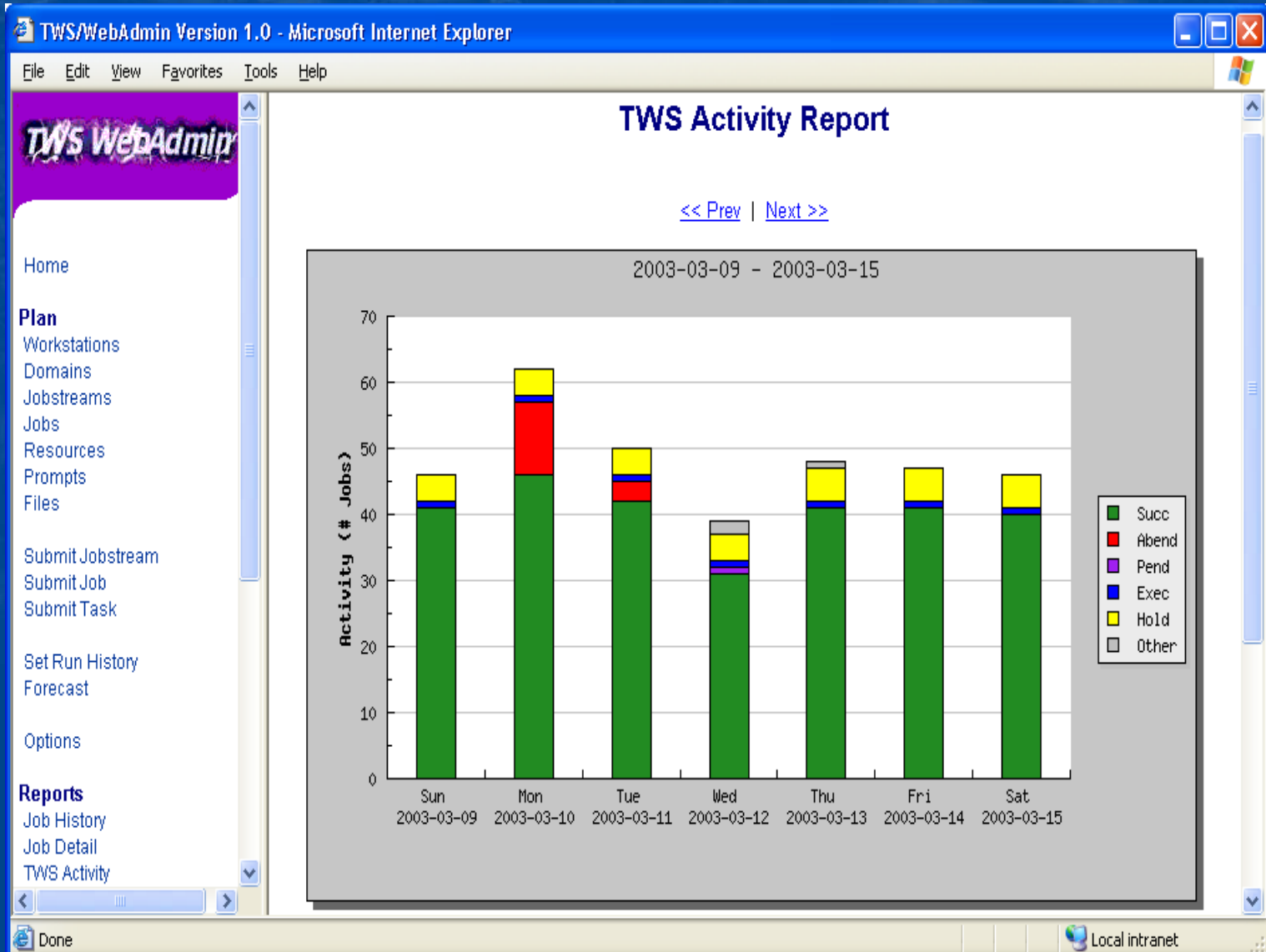


# Activity Report - Monthly Bar Chart



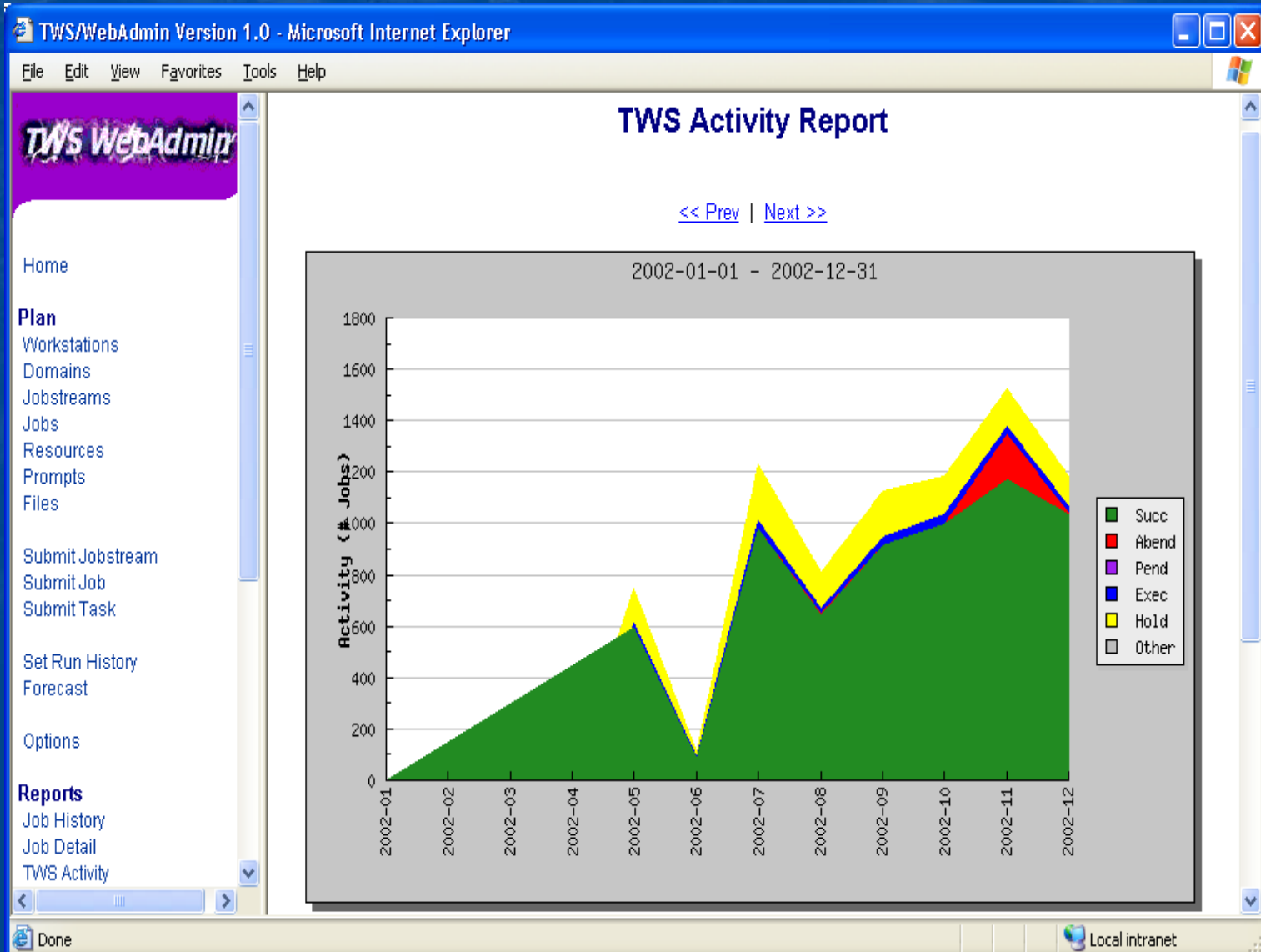


# Activity Report - Weekly Bar Chart



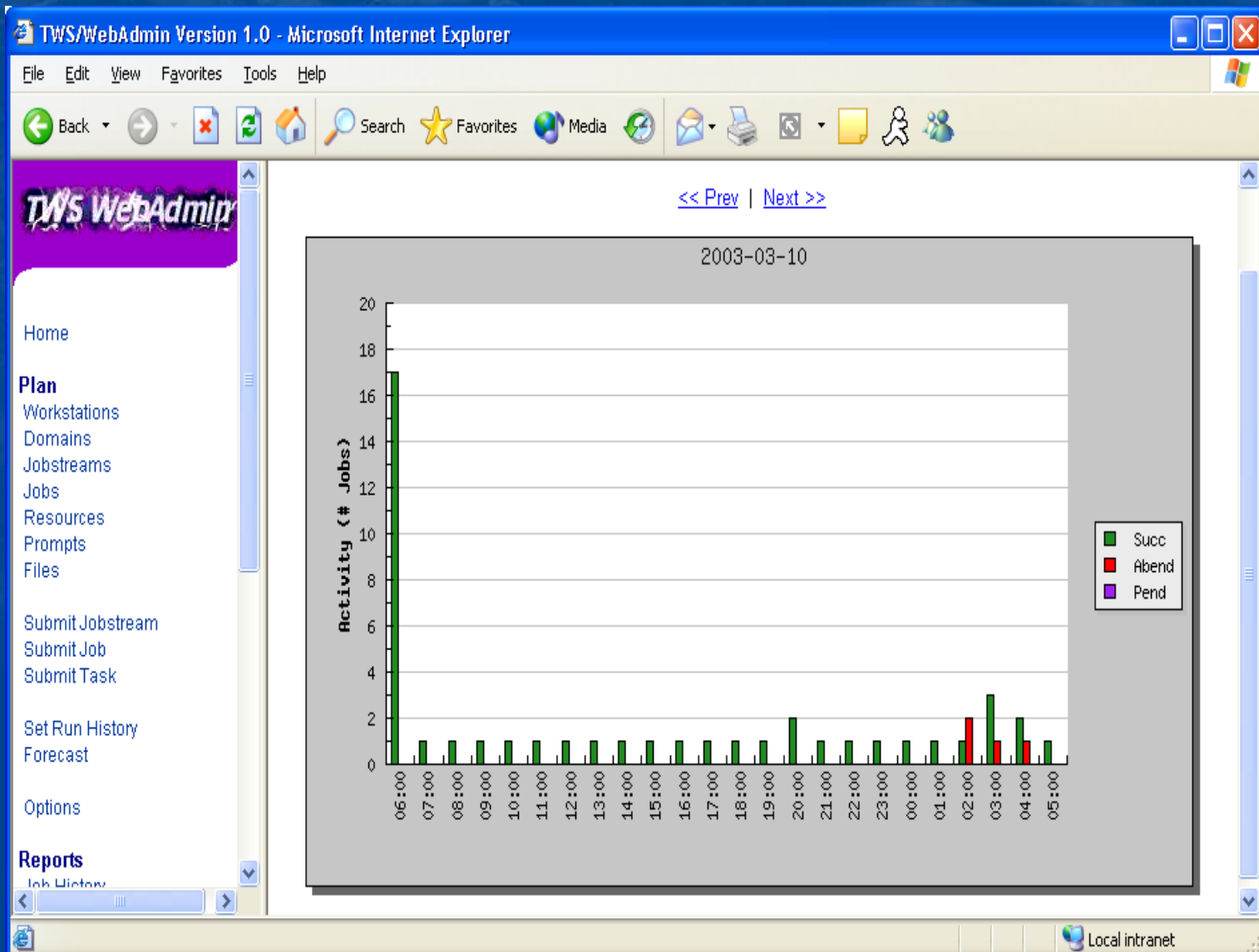


# Activity Report - Yearly Line Graph





# Activity Report - Daily Bar Chart







# Forecast

- Generates a pre-production report for a range of future dates
- Shows jobstreams, descriptions, and estimated run times

# Forecast - Example

TWS/WebAdmin Version 1.1 - Microsoft Internet Explorer

Datei Bearbeiten Ansicht Favoriten Extras ?

Adresse <http://webadmin.dyndns.ws/> Wechseln zu

## Generate Forecast

[Help](#)

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Forecast

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**Reports**

- Job History

Enter Desired Future Date:  /  /   (MM/DD/YYYY)

**Select Date Range**

[http://webadmin.dyndns.ws/date\\_pick...](http://webadmin.dyndns.ws/date_pick...)

### December 2004

December 2004

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1

Internet



# Forecast - Output

All lists are now based on the forecast date.  
(The green title bar shows that you are not working with the actual plan.)

TWS/WebAdmin Version 1.1 - Microsoft Internet Explorer

Adresse <http://webadmin.dyndns.ws/>

**Jobs**  
Resources  
Prompts  
Files  
Plan Filters

Submit Jobstream  
Submit Job  
Submit Task

Set Run History  
Forecast

Options

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TWS Database  
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SQL Query  
User Defined Reports

**Log / Alert**  
Event Monitor  
Event Configuration

Symphony: 12/31/04  
Filter: None

	Workstation	Jobstream	Job	State	Priority	Start	Elapse	
	<a href="#">DEMO</a>	<a href="#">SNAPSHOTS</a>	*****	READY	10		(00:01)	
<input type="checkbox"/>			<a href="#">SNAPSJ</a>	HOLD	10	(12/31)	(00:01)	<01/01 (OK)
	<a href="#">DEMO</a>	<a href="#">WEBADMIN</a>	*LIM 1*	READY	10		(00:01)	[Carry]
<input type="checkbox"/>			<a href="#">CAXTRACT</a>	HOLD	10	(12/31)	(00:01)	
<input type="checkbox"/>			<a href="#">CPUXTRACT</a>	HOLD	10	(12/31)	(00:01)	
<input type="checkbox"/>			<a href="#">JBXTRACT</a>	HOLD	10	(12/31)	(00:01)	
<input type="checkbox"/>			<a href="#">PAXTRACT</a>	HOLD	10	(12/31)	(00:01)	
<input type="checkbox"/>			<a href="#">PRXTRACT</a>	HOLD	10	(12/31)	(00:01)	
<input type="checkbox"/>			<a href="#">REXTRACT</a>	HOLD	10	(12/31)	(00:01)	

[Help](#)

[http://webadmin.dyndns.ws/tws\\_sj.php](http://webadmin.dyndns.ws/tws_sj.php) Internet

# Run History - Example

The History Report is similar to the Forecast, but shows historical data: 1) Select any previous production day from a list

	12/04	07:59	09/13/04	578	97	43	M200409130759
	09/11/04	07:59	09/12/04	577	97	44	M200409120759
<input type="radio"/>	09/10/04	07:59	09/11/04	576	114	45	M200409110759
<input type="radio"/>	09/09/04	07:59	09/10/04	575	83	46	M200409100759
<input type="radio"/>	09/08/04	07:59	09/09/04	574	61	47	M200409090759
<input type="radio"/>	09/07/04	07:59	09/08/04	573	66	48	M200409080759
<input type="radio"/>	09/06/04	07:59	09/07/04	572	63	49	M200409070759
<input type="radio"/>	09/05/04	07:59	09/06/04	571	50	50	M200409060759
<input type="radio"/>	09/04/04	07:59	09/05/04	570	50	51	M200409050759
<input type="radio"/>	09/03/04	07:59	09/04/04	569	67	52	M200409040759
<input type="radio"/>	09/02/04	07:59	09/03/04	568	61	53	M200409030759
<input type="radio"/>	09/01/04	07:59	09/02/04	567	61	54	M200409020759
<input type="radio"/>	08/31/04	08/31/04				55	M200409010759
<input type="radio"/>	12/31/04	12/31/04	10/25/04	Forecast	56	56	M00000001

2) Set Symphony

Set Symphony

Use Current

# Run History - Output

All lists are now based on the selected "Symphony" date.  
 (The green title bar again shows that you are not working with the actual plan.)

TWS/WebAdmin

Datei Bearbeiten

Adresse http://w...

**TWS WebA**

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**Plan**

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**Reports**

- Job History

Help

Symphony: 10/22/04

Filter: None

	Workstation	Jobstream	Job	State	Priority	Start	Elapse
	<a href="#">DEMO</a>	<a href="#">CF04295AAAAAAAAA</a>	*LIM 1*	ABEND	10	10/20	00:04
<input type="checkbox"/>			<a href="#">CAXTRACT</a>	SUCC	10	10/20	00:01
<input type="checkbox"/>			<a href="#">CPUXTRCT</a>	ABEND	10	10/20	00:01
<input type="checkbox"/>			<a href="#">JBXTRACT</a>	SUCC	10	10/20	00:01
<input type="checkbox"/>			<a href="#">PAXTRACT</a>	SUCC	10	10/20	00:01
<input type="checkbox"/>			<a href="#">PRXTRACT</a>	SUCC	10	10/20	00:01
<input type="checkbox"/>			<a href="#">REXTRACT</a>	SUCC	10	10/20	00:01
<input type="checkbox"/>			<a href="#">USXTRACT</a>	SUCC	10	10/20	00:01
<input type="checkbox"/>			<a href="#">XRXRCT</a>	SUCC	10	10/20	00:01

Fertig

Internet



# Production Planning Report - Selection

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Refresh Print Mail Stop

Set Run History  
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Options

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Alert Configuration  
Database Audit Log  
Plan Audit Log  
Job Notes  
TWS Logfile

**Maintenance**  
TWS Mailbox Files  
TWS Database Files

## Production Planning Report

[Help](#)

**Criteria**

Date Range: 05 / 01 / 2003 To 05 / 31 / 2003 (MM/DD/YYYY)

**Options**

Do not include FINAL jobstream  
 Limit Description field to 4 lines

Generate Report

Select Date Range

Done Local intranet



# Production Planning Report - Output

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media

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TWS Mailbox Files  
TWS Database Files

**Monday 05/05/2003:**

Workstation	Jobstream	Num Jobs	Est Elapse Time	Description
GRENDL	TEST	6	( 0:05)	*Test jobstream
GRENDL	TEST3	1	( 0:02)	*Test jobstream 3
GRENDL	WEBADMIN	9	( 3:29)	
GRENDL	TEST2	2	( 0:01)	*Test jobstream
GRENDL	FTPXFER	1	( 0:18)	*This is a test jobstream that contains jobs that trans *uses the BANDWIDTH resource for each job
GRENDL	TEST4	2	( 0:01)	* Test Jobstream

**Tuesday 05/06/2003:**

Workstation	Jobstream	Num Jobs	Est Elapse Time	Description
GRENDL	TEST	6	( 0:05)	*Test jobstream
GRENDL	TEST3	1	( 0:02)	*Test jobstream 3
GRENDL	WEBADMIN	9	( 3:29)	

Opening page http://grendel/tws\_view\_production\_planning\_report.php... Local intranet



# Database Report

- Creates reports for TWS object definitions
- Workstations, Domains, Jobstreams, Jobs, Calendars, Resources, Prompts, Parameters and Users
- Columns can be selected and filter criteria applied





# Database Report Example 1 - Jobstreams

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

## Jobstream Report Design

Select	Column	Criteria	Sort	Sort Priority
<input checked="" type="checkbox"/>	Workstation			
<input checked="" type="checkbox"/>	Jobstream	*TEST*	Ascending	
<input type="checkbox"/>	Description			
<input checked="" type="checkbox"/>	At			
<input checked="" type="checkbox"/>	Until			
<input checked="" type="checkbox"/>	Carryforward			
<input type="checkbox"/>	In Order			
<input checked="" type="checkbox"/>	Limit			
<input checked="" type="checkbox"/>	Priority			

[Check All](#) - [Clear All](#)

Done Local intranet

**Set Run History**  
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**Maintenance**  
TWS Mailbox Files  
TWS Database Files



# Database Report Jobstream Output

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

## Test Jobstream Listing

	Jobstream	At	Until	Carryforward	Limit	Priority
GRENDL	TEST			OFF		10
GRENDL	TEST2			OFF		5
GRENDL	TEST3			OFF		10
GRENDL	TEST4			OFF		10
GRENDL	TEST4A			OFF		10
GRENDL	TEST4B			OFF		10
GRENDL	TEST5			OFF		10
GRENDL	TEST6			OFF		10
GRENDL	TEST7			ON		20
GRENDL	TESTX			OFF		10
VALID	TESTSKED			OFF		10
ZAPHOD	TESTER			OFF		10

Query: SELECT workstation.jobstream,at,until,carryforward.jobstream\_limit,priority FROM jobstreams WHERE jobstream like '%TEST%'

Done Local intranet

Set Run History  
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TWS Database Files



# Database Report Example 2 - Workstations

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

### Workstation Report Design

Select	Column	Criteria	Sort	Sort Priority
<input checked="" type="checkbox"/>	Workstation			
<input checked="" type="checkbox"/>	Description			
<input checked="" type="checkbox"/>	Operating System			
<input checked="" type="checkbox"/>	Node			
<input checked="" type="checkbox"/>	TCP Port			
<input type="checkbox"/>	Ignore Flag			
<input checked="" type="checkbox"/>	Autolink Flag			
<input checked="" type="checkbox"/>	Full Status Flag			
<input checked="" type="checkbox"/>	Resolve Dependencies Flag			
<input type="checkbox"/>	Host			
<input type="checkbox"/>	Domain			

Done Local intranet

**Set Run History**  
Forecast

**Options**

**Reports**  
Job History  
Job Detail  
TWS Activity  
Production Planning  
TWS Database  
Cross Reference  
SQL Query  
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Alert Configuration  
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Plan Audit Log  
Job Notes  
TWS Logfile

**Maintenance**  
TWS Mailbox Files  
TWS Database Files



# Database Report Workstation Output

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

## Workstation Report

Workstation	Description	OS Type	Node	TCP Port	Autolink	Full Status	ResolveDeps
GRENDDEL	TWS 8.1 Master Domain Manager	UNIX	grendel	31111	ON	OFF	OFF
GRENDDEL_LOCAL	Unix local extended agent	UNIX	grendel	31111	ON	OFF	OFF
LINUS	TWS 8.1 Linux FTA	UNIX	linus	31111	ON	OFF	OFF
MAESTRO6	TWS 6.1 FTA	UNIX	grendel	31116	ON	OFF	OFF
ZAPHOD	Windows 2000 FTA	WNT	zaphod	31111	ON	OFF	OFF

Query: `SELECT workstation,description,os_type,node,port,autolink,fullstatus,resolvedeps,server,version,info FROM workstations`

Save Report Store Report

Done Local intranet

**Left Sidebar:**

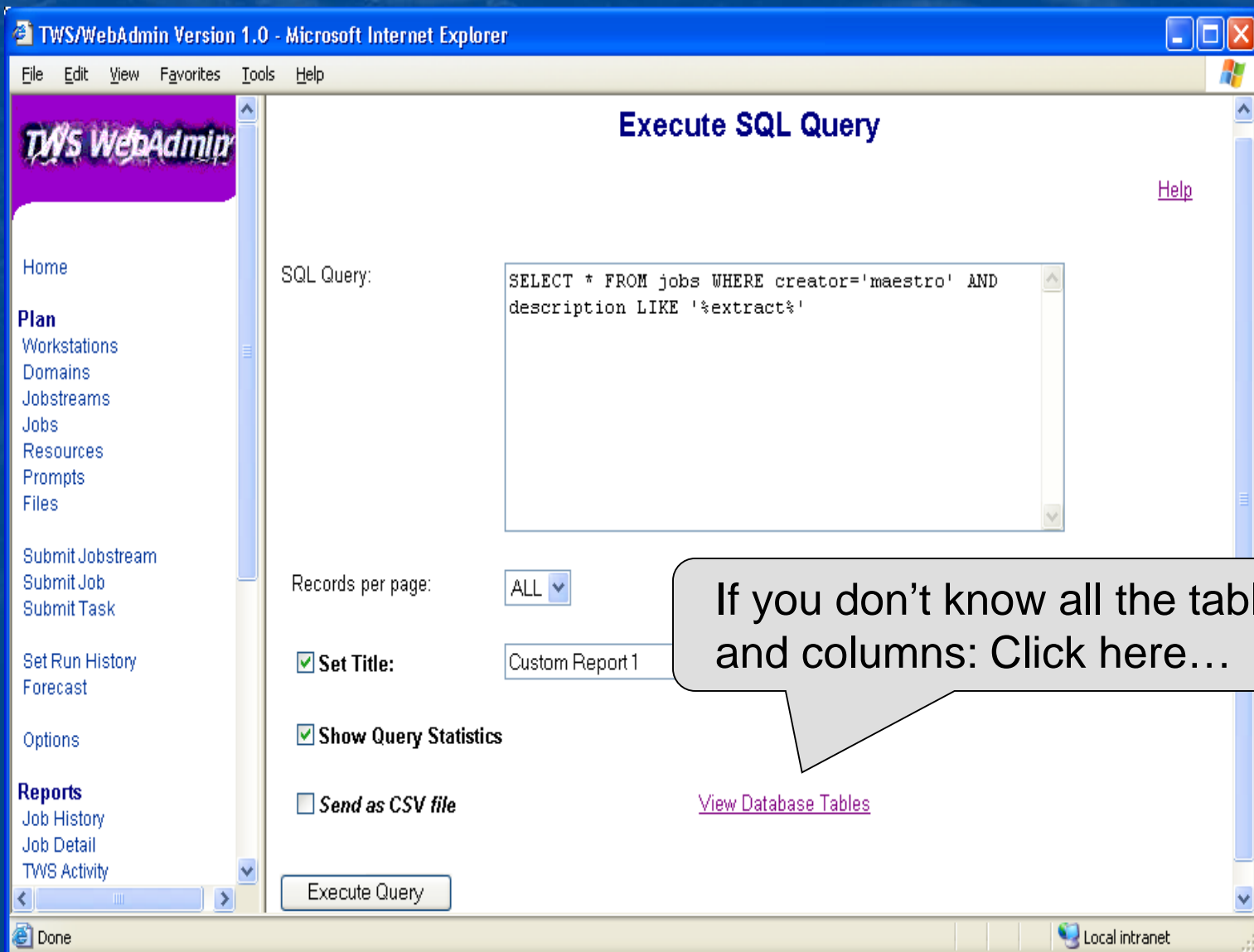
- Set Run History
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# SQL Reports

- TWS/WebAdmin extracts and stores TWS object definitions and job history data in a relational database (RDBMS)
- Customized reports are created with standard SQL

# Custom Report - SQL Query



TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

## Execute SQL Query

[Help](#)

SQL Query:

```
SELECT * FROM jobs WHERE creator='maestro' AND description LIKE '%extract%'
```

Records per page: ALL

Set Title: Custom Report 1

Show Query Statistics

Send as CSV file

[View Database Tables](#)

Execute Query

Done Local intranet

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If you don't know all the tables and columns: Click here...



# Custom Report - View Database Tables

TWS Database Tables - Microsoft Internet Explorer

### TWS Database

Name	Type	
<a href="#">alerts</a>	table	
<a href="#">calendar_dates</a>	table	
<a href="#">calendars</a>	table	
<a href="#">custom_events</a>	table	
<a href="#">domains</a>	table	
<a href="#">event_state</a>	table	
<a href="#">event_types</a>	table	
<a href="#">events</a>	table	
<a href="#">file_dependencies</a>	table	
<a href="#">internetwork_dependencies</a>	table	
<a href="#">job_dependencies</a>	table	
<a href="#">job_instance</a>	table	
<a href="#">job_statistics</a>	table	postgr
<a href="#">jobhist</a>		
<a href="#">jobhist_schedlogs</a>	table	postgr
<a href="#">jobs</a>	table	postgr
<a href="#">jobstream_dependencies</a>	table	postgre
<a href="#">jobstream_when</a>	table	postgres

Table jobs - Microsoft Internet Explorer

### Table jobs

Field	Type
workstation	character varying(16)
job	character varying(40)
description	character varying(255)
script	text
recovery_job	character varying(57)
recovery_option	character varying(8)
recovery_prompt	character varying(64)
auto_documentation	character varying(8)
logon	character varying(64)
creator	character varying(64)
job_type	character varying(7)
interactive	character varying(6)

View the  
table "jobs"

# Custom Report - Output

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

**TWS WebAdmin**

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Submit Job  
Submit Task

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**Reports**

- Job History
- Job Detail
- TWS Activity

## Custom Report 1

workstation	job	description	script
GRENDL	CAXTRACT	TWS/WebAdmin Calendar data extract	/opt/maestro/webadmin/bin/caxt
GRENDL	CPUXTRACT	TWS/WebAdmin Workstation data extract	/opt/maestro/webadmin/bin/cpu
GRENDL	JBXTRACT	TWS/WebAdmin Job data extract	/opt/maestro/webadmin/bin/jbx
GRENDL	JOBHIST	TWS/WebAdmin Job history extract	/opt/maestro/webadmin/bin/jobl
GRENDL	PAXTRACT	TWS/WebAdmin Parameter data extract	/opt/maestro/webadmin/bin/paxt
GRENDL	PRXTRACT	TWS/WebAdmin Prompt data extract	/opt/maestro/webadmin/bin/prxt
GRENDL	REXTRACT	TWS/WebAdmin Resource data extract	/opt/maestro/webadmin/bin/rext
GRENDL	USXTRACT	TWS/WebAdmin User data extract	/opt/maestro/webadmin/bin/usxt
GRENDL	XRXTRACT	TWS/WebAdmin Xref data extract	/opt/maestro/webadmin/bin/xrxt

Total Rows Returned: 9

Query Execution Time: 0 seconds

Query: `SELECT * FROM jobs WHERE creator='maestro' AND description LIKE '%extract%'`

Done Local intranet





# Custom Report - Save Query Example

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

## Custom Report 1

workstation	job	description	script
GRENDL	CAXTRACT	TWS/WebAdmin Calendar data extract	/opt/maestro/webadmin/bin/caxtra
GRENDL	CPUXTRCT	TWS/WebAdmin Workstation data extract	/opt/maestro/webadmin/bin/cpuxt
GRENDL	JBXTRACT	TWS/WebAdmin Job data extract	/opt/maestro/webadmin/bin/jbxtra
GRENDL	JOBHIST	TWS/WebAdmin Job history extract	/opt/maestro/webadmin/bin/jobhis
GRENDL	PAXTRACT	TWS/WebAdmin Parameter data extract	/opt/maestro/webadmin/bin/paxtra
GRENDL	PRXTRACT	TWS/WebAdmin Prompt data extract	/opt/maestro/webadmin/bin/prxtre
GRENDL	REXTRACT	TWS/WebAdmin Resource data extract	/opt/maestro/webadmin/bin/rextre
GRENDL	USXTRACT	TWS/WebAdmin User data extract	/opt/maestro/webadmin/bin/usxtre
GRENDL	XRXRCT	TWS/WebAdmin Xref data extract	/opt/maestro/webadmin/bin/xrxtre

Query: `SELECT * FROM jobs WHERE creator='maestro' AND description LIKE '%extract%'`

Save Query    Store Report

Save Query

Done Local intranet



# Custom Report - Save Query Dialog

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

## Save SQL Query

Report Name:

Report Title:

Description:

SQL Query:

Save

Done Local intranet

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**Report Title and SQL Query are automatically entered**



# Custom Report - Access via Menu

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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## User Defined Reports

[Help](#)

**Available Reports:**

	Report Name	Description
<input type="radio"/>	alljobs	Show all jobs
<input type="radio"/>	testjobs	This report displays a list of all jobs where the script contains test
<input type="radio"/>	custom_rep1	All jobs created by user maestro with description containing the text extr...

Records per page: ALL

Send as CSV file

Generate

Done Local intranet

**User Defined Reports menu item**

**User Defined reports**



# Storing Reports

- Storing a report saves it as an HTML file
- “CSV File” saves the report with comma delimited values.  
By default, MS-Excel is associated with the .csv file type and will launch automatically.

# Store Report Example

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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## Custom Report 1

workstation	job	description	script
GREDEL	CAXTRACT	TWS/WebAdmin Calendar data extract	/opt/maestro/webadmin/bin/caxtra
GREDEL	CPUXTRACT	TWS/WebAdmin Workstation data extract	/opt/maestro/webadmin/bin/cpuxt
GREDEL	JBXTRACT	TWS/WebAdmin Job data extract	/opt/maestro/webadmin/bin/jbxtra
GREDEL	JOBHIST	TWS/WebAdmin Job history extract	/opt/maestro/webadmin/bin/jobhis
GREDEL	PAXTRACT	TWS/WebAdmin Parameter data extract	/opt/maestro/webadmin/bin/paxtra
GREDEL	PRXTRACT	TWS/WebAdmin Prompt data extract	/opt/maestro/webadmin/bin/prxtre
GREDEL	REXTRACT	TWS/WebAdmin Resource data extract	/opt/maestro/webadmin/bin/rextre
GREDEL	USXTRACT	TWS/WebAdmin User data extract	/opt/maestro/webadmin/bin/usxtre
GREDEL	XRXRCT	TWS/WebAdmin Xref data extract	/opt/maestro/webadmin/bin/xrxtre

Query: `SELECT * FROM jobs WHERE creator='maestro' AND description LIKE '%extract%'`

Save Query    Store Report

**Store Report**

Done Local intranet



# Store Report – Create CSV

TWS/WebAdmin Version 1.0 - Microsoft Internet Explorer

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## User Defined Reports

[Help](#)

**Available Reports:**

	Report Name	Description
<input type="radio"/>	alljobs	Show all jobs
<input type="radio"/>	testjobs	This report displays a list of all jobs where the script contains test
<input checked="" type="radio"/>	custom_rep1	All jobs created by user maestro with description containing the text extr...

Records per page: ALL ▾

**Send as CSV file**

**Send as CSV**

Done Local intranet





# Alerts

**TWS/WebAdmin generates alerts based on pre-defined events:**

- If you have no TEC or other event monitoring application
- You need to collect events such as job abends or perform notification



# Alerts

TWS Webadmin Version 1.0 - Microsoft Internet Explorer

Adresse <http://68.33.181.88>

**Alert Configuration**

[Help](#)

**Events**

**Reported Events:**

- TWS Process Restarted
- Job Abend
- Job Failed
- Job Launched
- Job Completed
- Job Suspended
- Jobstream Abend
- Jobstream Stuck
- Jobstream Launched
- Jobstream Completed
- Jobstream Suspended
- Global Prompt Issued
- Local Jobstream Prompt Issued
- Local Job Prompt Issued
- Job Recovery Prompt Issued
- Link Down
- Link Failed
- Domain Manager Switched

**Notification**

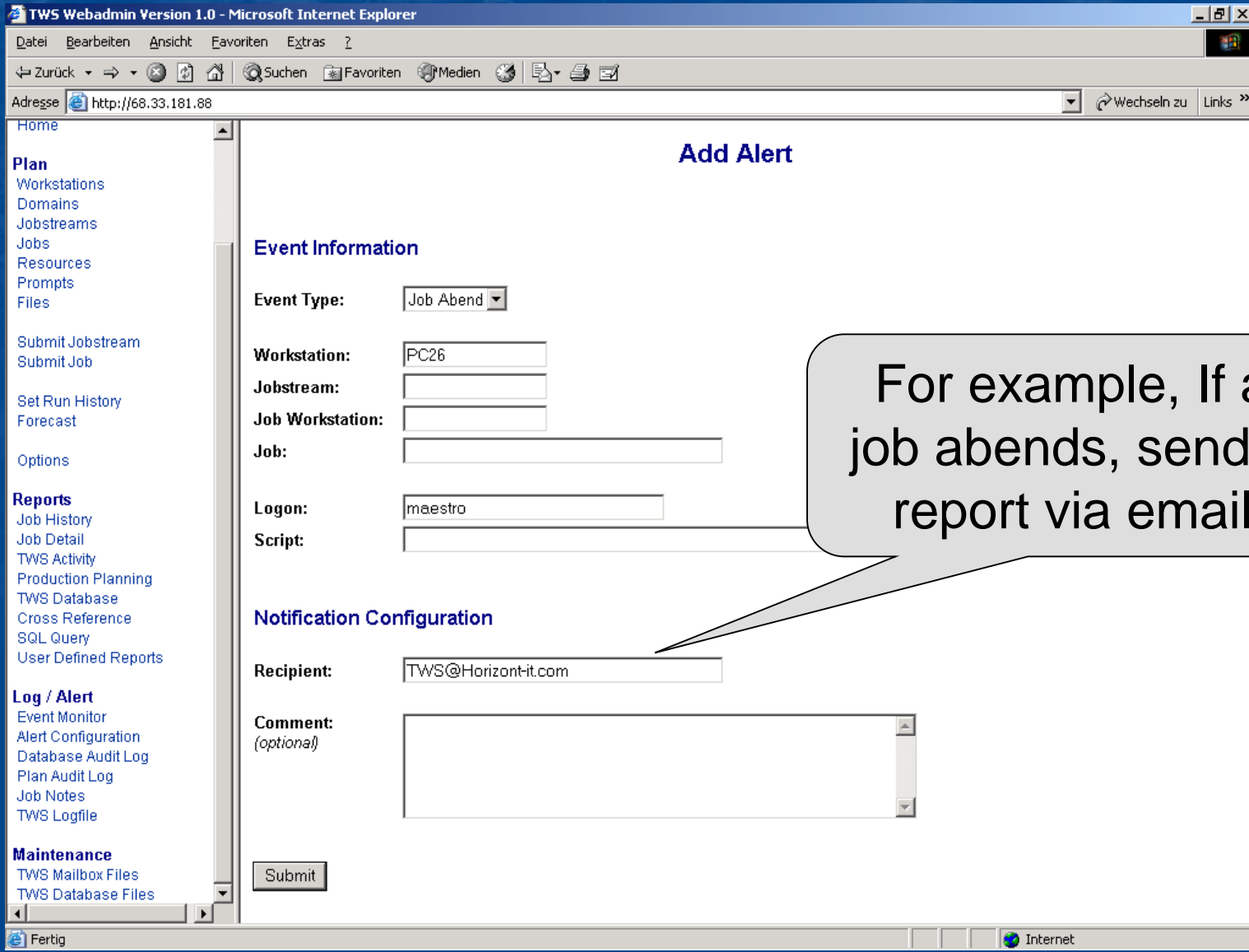
**Configured Alerts:**

Event Type		
Job Abend	JOB_WORKST	
Jobstream Completed	WORKSTATION	
Job Abend	WORKSTATION=ZAPHOD, SCRIPT=c:\win32app\maestro\scripts\backup*.cmd	weddlet@att

In the case of an event, a report is automatically generated

Internet

# Alerts and emails



The screenshot shows a web browser window titled "TWS Webadmin Version 1.0 - Microsoft Internet Explorer". The address bar shows "http://68.33.181.88". The main content area is titled "Add Alert" and contains the following sections:

- Event Information**
  - Event Type: Job Abend (dropdown)
  - Workstation: PC26 (text input)
  - Jobstream: (text input)
  - Job Workstation: (text input)
  - Job: (text input)
  - Logon: maestro (text input)
  - Script: (text input)
- Notification Configuration**
  - Recipient: TWS@Horizont-it.com (text input)
  - Comment: (optional) (text area)

A "Submit" button is located at the bottom left of the form area.

**Left Navigation Menu:**

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  - TWS Database Files

**Bottom Status Bar:** Fertig | Internet

For example, If a job abends, send a report via email



# Database Audit Log

TWS Webadmin Version 1.0 - Microsoft Internet Explorer

Adresse <http://webadmin.dyndns.ws/>

## TWS Database Audit Log

[Help](#)

Log Type	Timestamp	User ID	Framework User	Object Type	Object Name
HEADER	11/08/2001 13:52:53	root		DATABASE	
DATABASE	11/08/2001 13:52:53	root		DBSEC	/opt/maestro/./uniso
DATABASE	11/08/2001 14:09:28	maestro		DBWKSTN	GRENDEL
DATABASE	11/08/2001 14:09:33	maestro		DBJOB	GRENDEL#JNEXTDAY
DATABASE	11/08/2001 14:09:34	maestro		DBJBSTRM	GRENDEL#FINAL
DATABASE	11/08/2001 14:10:36	maestro		DBWKSTN	GRENDEL
DATABASE	11/08/2001 14:10:36	maestro		DBWKSTN	PENDRAGON
DATABASE	11/08/2001 15:02:16	maestro		DBWKSTN	TRILLIAN
DATABASE	11/08/2001 18:43:47	maestro		DBSEC	/opt/maestro/./uniso
DATABASE	11/08/2001 18:50:23	maestro@grendel.lentz.com	maestro	DBUSER	TRILLIAN#maestro
DATABASE	11/08/2001 18:51:02	maestro@grendel.lentz.com	maestro	DBJOB	GRENDEL#TEST1
DATABASE	11/08/2001 18:51:24	maestro@grendel.lentz.com	maestro	DBJOB	GRENDEL#TEST2
DATABASE	11/08/2001 18:51:24	maestro@grendel.lentz.com	maestro	DBJBSTRM	GRENDEL#TEST
DATABASE	11/08/2001 05:59:39	maestro		DATABASE	
DATABASE	11/08/2001 06:00:55	maestro		DATABASE	
DATABASE	11/08/2001 06:00:58	maestro		DATABASE	
DATABASE	11/08/2001 06:00:58	maestro		DATABASE	
HEADER	11/20/2001 21:04:09	maestro		DATABASE	
HEADER	11/21/2001 22:46:29	maestro		DATABASE	
DATABASE	11/21/2001 22:46:59	maestro		DBWKSTN	PENDRAGON
DATABASE	11/21/2001 22:47:04	maestro		DBWKSTN	TRILLIAN

**Complete list of all changes**

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- TWS Database Files

Fertig Internet



# Job Notes

**Good job documentation is vital for running error-free production. TWS/WebAdmin provides standardized Job documentation:**

- Documentation can be accessed directly from the joblist, with a simple mouse click
- Documentation is stored in one database for all users
- Documentation can be accessed from anywhere, without needing to know about its exact location

# Job Notes

TWS Webadmin Version 1.0 - Microsoft Internet Explorer

Adresse <http://webadmin.dyndns.ws/>

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Workstation:	GRENDL
Job:	TEST1

Note Type:

- Contact Information
- Recovery Procedures
- Comment

Creator: demo

Title:

Note:

```
1) Delete output files TWSX*.OUT
2) Restart from the beginning
```

Create an operator instruction...

Fertig Internet

# Job Notes

TWS Webadmin Version 1.0 - Microsoft Internet Explorer

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<a href="#">GRENDL</a>	<a href="#">TEST3</a>	*****	READY	10	05:59	(00:02)	
<input type="checkbox"/>		<a href="#">TEST1</a>	SUCC	10	05:59	00:02	#J10115
<input type="checkbox"/>	>> every run					00:02	#J12978
<input type="checkbox"/>	>> every run					00:01	#J15708
<input type="checkbox"/>	>> every run					00:02	#J18370
<input type="checkbox"/>	>> every run	<a href="#">TEST1</a>	SUCC	10	05:59	00:02	#J21011
<input type="checkbox"/>	>> every run	<a href="#">TEST1</a>	SUCC	10	10:59	00:02	#J23704
<input checked="" type="checkbox"/>	>> every run	<a href="#">TEST1</a>	SUCC	10	11:59	00:02	#J26724
<a href="#">GRENDL</a>	<a href="#">TEST2</a>	*****	READY	5		(00:01)	
<input type="checkbox"/>		<a href="#">OPENER</a>	HOLD	10		(00:01)	<a href="#">GRENDL#/cpg/test_.fil</a>
<input type="checkbox"/>		<a href="#">JOBXYZ</a>	HOLD	10		(00:01)	#1 (TESTPRT) (ASKED)
<a href="#">GRENDL</a>	<a href="#">FTPXFER</a>	*****	HOLD	10	(20:00)	(00:11)	[Carry]
<input type="checkbox"/>		<a href="#">FTPJOB</a>	HOLD	10	(20:00)	(00:11)	<a href="#">-20 BANDWIDTH- (AVAIL)</a>
<a href="#">GRENDL</a>	<a href="#">FINAL</a>	*****	HOLD	10	(05:59)		
<input type="checkbox"/>		<a href="#">JNEXTDAY</a>	HOLD	10	(10/03)		
<a href="#">GRENDL</a>	<a href="#">TEST4</a>	*****	HOLD	10			
<input type="checkbox"/>		<a href="#">TEST1</a>	HOLD	10			
<input type="checkbox"/>		<a href="#">TEST2</a>	HOLD	10		(00:01)	TEST1 (H

[Check All](#) - [Clear All](#)

Priority Release Cancel Rerun Kill Confirm Successors Info Detail Report Notes Filter

Fertig Internet

The operator selects a job...

...and clicks on NOTES...



# Job Notes

...all Job NOTES  
are displayed:

TWS Webadmin Version 1.0 - Microsoft Internet Explorer

http://webadmin.dyndns.ws/

ation: GRENDEL  
Job: TEST1

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### Contact Information

Primary Contact Info		<a href="#">[Edit]</a>	<a href="#">[Delete]</a>
Creator	demo		
Created	2002-09-03 00:47:03-04		
Last Updated	2002-09-03 00:47:03-04		
Tim Weddle:			
email: <a href="mailto:t.weddle@segus.com">t.weddle@segus.com</a>			
phone: (302) 555-1234			
pager: (302) 555-6789			

### Recovery Procedures

Job Recovery		<a href="#">[Edit]</a>	<a href="#">[Delete]</a>
Creator	demo		
Created	2002-09-03 00:47:56-04		
Last Updated	2002-09-03 00:47:56-04		
If this were a real note, it would describe what to do in the event job GRENDEL#TEST1 abended.			

1) Contact...

2) Recovery...

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# Job Notes

TWS Webadmin Version 1.0 - Microsoft Internet Explorer

Adresse <http://webadmin.dyndns.ws/>

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If this were a real note, it would describe what to do in the event job GRENDEL#TEST1 abended.

**Comment**

Test Comment <a href="#">[Edit]</a> <a href="#">[Delete]</a>	
Creator	demo
Created	2002-09-03 00:50:07-04
Last Updated	2002-09-03 01:01:46-04

This is a test note. Comments are typically used to record extended information about a job. Perhaps you want to save information about a particular problem that occurred.

Another Test Note <a href="#">[Edit]</a> <a href="#">[Delete]</a>	
Creator	demo
Created	2002-09-03 00:52:13-04
Last Updated	2002-09-03 00:52:13-04

This is another test note that demonstrates the ability to embed hyperlinks within the note text. Perhaps you want to redirect viewers to another web page that has some additional information, like so: [Click for more info on TWS/WebAdmin](#)

3) Comments...

The operator can add a new NOTE to document his modification.





# Summary

**TWS/WebAdmin offers the following benefits:**

- Simplifies TWS administration
- Provides additional reporting
- Provides forecasting
- Increases production quality
- ...



# Miss Something?

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# Thank You!

If you would like more information,  
contact **SEGUS** at:

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[www.segus.com](http://www.segus.com)

Reston, VA 20191-3446

[www.TwsWebAdmin.com](http://www.TwsWebAdmin.com)

**1-800-327-9650**